

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
4 November 2004 (04.11.2004)

PCT

(10) International Publication Number
WO 2004/095312 A1

(51) International Patent Classification⁷: G06F 17/30

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/AU2004/000522

(22) International Filing Date: 22 April 2004 (22.04.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003901968 23 April 2003 (23.04.2003) AU

(71) Applicant and

(72) Inventor: FLATOW, Wolfgang [DE/AU]; 21 Sayre Crescent, Boyne Island, QLD 4680 (AU).

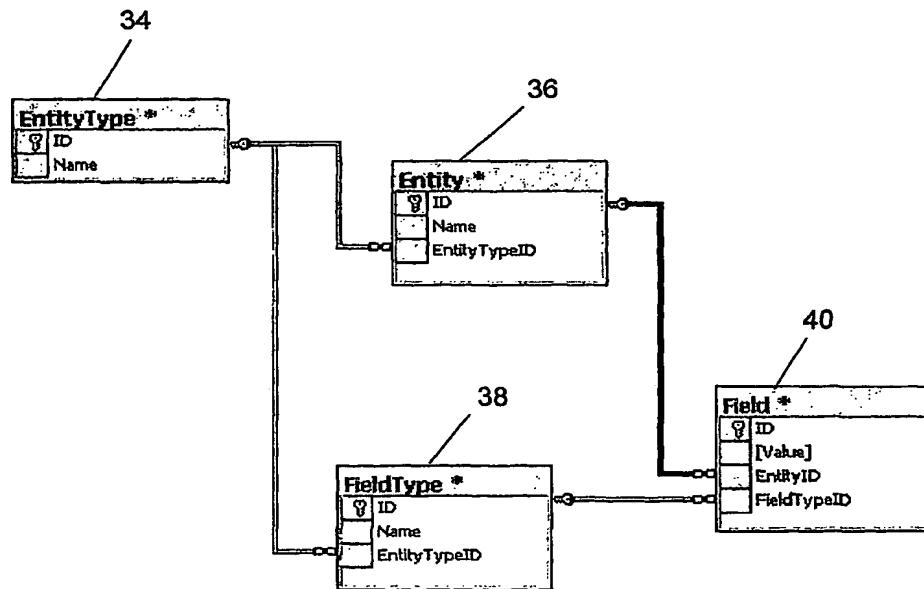
(74) Agent: EAGAR & BUCK PATENT AND TRADE MARK ATTORNEYS; PO Box 509, Spring Hill, QLD 4004 (AU).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A UNIVERSAL DATABASE SCHEMA



(57) Abstract: The invention provides a computer software product (18) that contains machine readable instructions for execution by an electronic processor to provide a database management system in accordance with a schema (24), the schema includes a first table (34) to store the names of various entity types; a second table (36) related to the first table to store the names of entities of the various entity types; a third table (38) related to the first table to store the names of fields in respect of the various entity types; and one or more value storage tables (40) related to the second and third tables to associate stored field values with entities. The schema includes identifiers, e.g. "EntityType", "Entity", "Field", "FieldType" to indicate the nature of the data to be stored in each of said tables